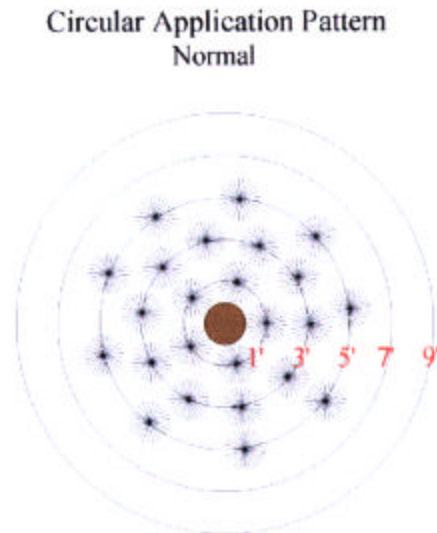


SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Figure 1

24" DBH Trunk

Inner circle - 5 holes

2nd circle - 10 holes

3rd circle - 9 holes

**Injection Hole
Pattern**

Injection holes
should be made

in a circular pattern centered around the trunk of the tree, **Fig.1, Table 1**. Apply insecticide at a depth from four to twelve inches.

- Inner Circle: Place 4 - 6 injection holes as close to the root collar as possible (6-12" from trunk).
- Second Circle: Two feet out from the inner circle. Place injection holes on a 2.5 foot spacing along the perimeter of the circle.
- Additional Circles: Add additional circles two feet out from the previous circle until the desired number of injection holes is achieved. Place holes evenly along the perimeter at approximately a 2.5 foot spacing. Spacing may be increased in the outer most circle so that the holes are evenly distributed.

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Table 1.

Determination of Soil Injection Holes and Circles									
DBH	HOLES	HOLES	INNER CIRCLE RADIUS*	2ND CIRCLE HOLES	2ND CIRCLE RADIUS*	3RD CIRCLE HOLES	3RD CIRCLE RADIUS*	4TH CIRCLE HOLES	4TH CIRCLE RADIUS*
4	4	4	14	na	na	na	na	na	na
6	6	4	15	2	38	na	na	na	na
8	8	4	16	4	40	na	na	na	na
10	10	4	17	6	41	na	na	na	na
12	12	4	18	8	42	na	na	na	na
14	14	4	19	9	43	1	67	na	na
16	16	4	20	9	44	3	68	na	na
18	18	5	21	9	45	4	69	na	na
20	20	5	22	10	46	5	70	na	na
22	22	5	23	10	47	7	71	na	na
24	24	5	24	10	48	9	72	na	na
26	26	5	25	10	49	11	73	na	na
28	28	5	26	10	50	13	74	na	na
30	30	5	27	11	51	14	75	na	na
32	32	5	28	11	52	16	76	na	na
34	34	5	29	11	53	16	77	2	101
36	36	5	30	11	54	16	78	4	102
38	38	5	31	12	55	17	79	4	103
40	40	5	32	12	56	17	80	6	104

* Radius of circle measured from the center of the trunk in inches.

Variations of Injection Hole Pattern

1) Trees where application surface is obstructed by paving, sidewalks, etc.

Soil Injection may still be used if up to three quarters of the injection area is restricted.

Using the above soil injection pattern, additional circles will need to be added to make up for the restricted holes, **Fig. 2.**

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Figure 2

Circular Application Pattern
75 % Restricted

2) Small
Trees Less
than 4"
DBH - Use
4 injection
sites in the
Inner
Circle.
Adjust the
volume of
solution per
hole accordingly.